

**From:** NIEHS Monthly Newsletter - Environmental Factor [NIEHS\_NEWSLETTER@LIST.NIH.GOV]  
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**Subject:** Your May 2019 Environmental Factor issue is now online

## May 2019

The May issue is packed with stories on topics such as congressional interest in PFAS, new findings on how two proteins work together to support heart health, and the NIH statement for World Asthma Day 2019.

Other stories cover research findings, scientific events, awards, and updates from NIEHS staff, grantees, fellows, and students. As always, we hope there is something for everyone. We welcome ideas for stories, as well as other feedback.

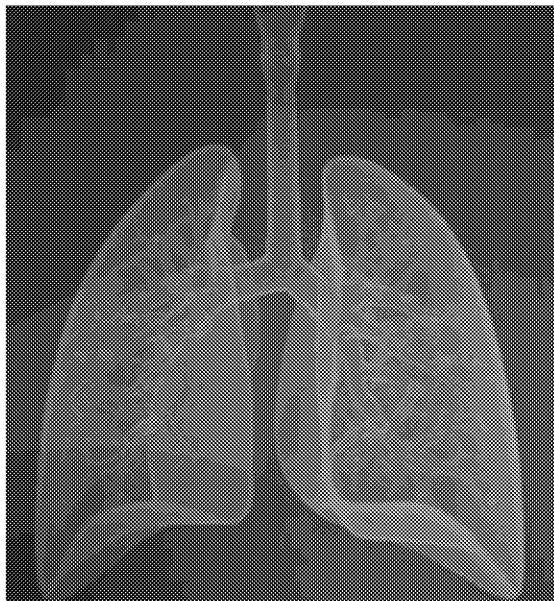
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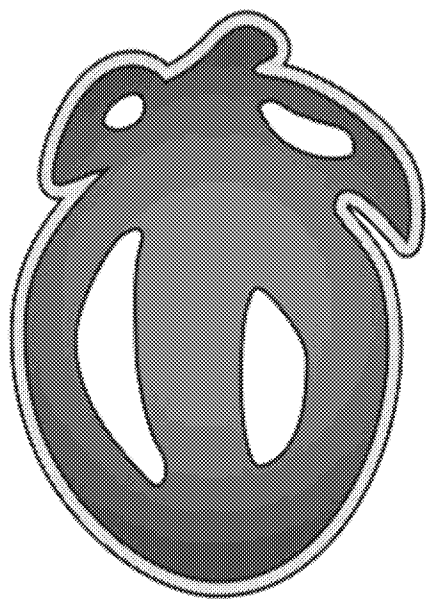
### PFAS Senate hearing, Birnbaum's expert scientific testimony

Linda Birnbaum told senators that chemicals known as PFAS persist in the environment and affect nearly every system in the human body.



### NIH statement for World Asthma Day 2019

National Institutes of Health research improves treatment and prevention of asthma.



### Healthy hearts need two proteins working together

NIEHS findings could be a step toward a treatment to prevent heart attacks.

#### Autism Awareness spurs outreach in April

During Autism Awareness Month, NIEHS hosted a talk about links between folate and ASD, discussions on social media, a webinar, and more.

#### Chronic kidney disease puzzle highlighted at Costa Rica workshop

Researchers from around the world shared insights into chronic kidney disease of unknown origin in agricultural communities.

#### Women's health conference draws record crowd

NIEHS-sponsored women's wellness conference offers screenings, resources, education, info for clinical research volunteers, and more.

#### Inflammation resolution gets top billing at NIH workshop

Experts discussed how the body resolves inflammation — and what happens when it cannot — during a workshop at NIEHS.

#### Korach earns Emeritus Investigator status

Ken Korach, Ph.D., who made pioneering discoveries on estrogen receptor alpha, earned emeritus status from the National Institutes of Health.

#### One Health draws international group to NIEHS

Visitors from 20 countries learned about NIEHS programs related to the interconnected health of people, animals, and the global environment.

#### Navajo area railroad workers learn protective skills

Courses funded by NIEHS Worker Training Program help ensure rural and tribal railroad workers protect their own health and safety.

#### Environmental health, a hot topic with local students

At Athens Drive High School, students discussed science and health issues with NIEHS scientists before selecting their research topics.

#### Core Day spotlights array of NIEHS resources

Core facilities at NIEHS hosted an event to help in-house researchers learn more about available cutting-edge technologies and expertise.

#### Young scholars shine at spring symposium

Ten undergraduate scholars presented their year-long research projects, with a two-way tie for Outstanding Scholar of the Year.

#### Extramural papers of the month

- DNA polymerase theta protects against UV-induced cancer
- Omega-3 and omega-6 may play opposite roles in asthma

#### Barton on DNA electrochemistry at NIEHS

##### Distinguished Lecture

Jacqueline Barton shared insights into the role of electron transfer in DNA repair.

#### New method quickly screens chemicals for cancer-causing potential

National Toxicology Program scientists, NIEHS grantees, and colleagues developed a quick way to screen substances for carcinogenicity.

#### NC researchers circle on chemicals the disrupt hormones

The North Carolina group gains interest and numbers among researchers studying chemical effects on normal development and health.

#### Eleven trainees face the Three-Minute Challenge

Postbaccalaureate fellows at NIEHS found clever ways to describe their research in brief, plain-language talks for a panel of nonscientists.

#### Spring GEMS meeting focuses on mechanisms

Risks of e-cigs and vaping, role of oxidative stress in cancer, and more were featured by the Genetics and Environmental Mutagenesis Society.

#### NIEHS Trainees' Assembly — the year at a glance

At the NTA spring meeting, leaders highlighted an increase in postbaccalaureate fellows, a new grant editing group, and other accomplishments.

#### Intramural papers of the month

- NTP screens chemicals for liver injury potential
- Pol B maintains its fidelity in the presence of modified cytosines

- [Role of UHRF1 in colorectal cancer cell growth](#)
- [Manganese linked to hallmark of Parkinson's disease](#)
- [Aberrant estrogen signaling induces ovarian disorder](#)
- [Shift work linked to epigenetic changes](#)
- [Phthalates, oxidative stress, and inflammation in pregnant women](#)

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